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AMENDMENTS TO THE CLAIMS

Amend the claims as follows:

1.-19. (canceled).

20. (currently amended) A coated substrate comprising a superalloy substrate and a chemically vapor ~~deposited as-~~
~~deposited~~ aluminide diffusion coating as-deposited thereon-
~~including disposed on the substrate and comprising co-~~
~~deposited aluminum and reactive element selected from the~~
~~group consisting of Hf, Zr, and Y providing a distribution~~
~~of the reactive element at a coating region of the~~
~~aluminide diffusion coating or throughout the aluminide~~
~~diffusion coating a distribution of a reactive element~~
~~codeposited with aluminum and comprising Hf, Zr, or both Hf~~
~~and Zr.~~

21. (previously presented) The coated substrate of Claim 20 further comprising Y.

22.-25. (cancelled).

26. (currently amended) A coated substrate comprising a superalloy substrate and an as-deposited aluminide diffusion coating ~~as-deposited thereon including on the~~
~~substrate and comprising co-deposited aluminum and hafnium~~
~~providing a distribution of [[Hf]] hafnium codeposited with~~
~~aluminum~~ at a coating region of the aluminide diffusion coating or throughout the aluminide diffusion coating.

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27. (currently amended) A coated substrate comprising a superalloy substrate and an as-deposited aluminide diffusion coating ~~as-deposited thereon including on the substrate and comprising co-deposited aluminum and zirconium~~ providing a distribution of [[Zr]] zirconium ~~codeposited with aluminium~~ at a coating region of the aluminide diffusion coating or throughout the aluminide diffusion coating.

28. (new) The coated substrate of claim 20 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and reactive element.

29. (new) The coated substrate of claim 26 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and hafnium.

30. (new) The coated substrate of claim 27 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and zirconium.